

IN THE CLAIMS:

Please amend the claims as follows. The claims are in the format as required by 35 C.F.R. § 1.121.

1. (Previously Presented) A system comprising:
an interface to an IP network;
an interface to one or more target devices;
a processor coupled to the interfaces; and
a memory;
wherein the processor is configured
to maintain in the memory a mapping of users that are connected to the IP
network to the one or more target devices,
to access the mapping according to login information corresponding to the users,
the login information comprising a username and a corresponding
password associated with each user, and
to enable access from the users to the one or more target devices according to
the mapping; and
wherein communications between the users and the processor comprise NDMP
communications.
2. (Original) The system of claim 1,
wherein the system comprises a router configured to be coupled between an IP network
and a SCSI bus,
wherein the router is configured
to maintain one or more access control tables, wherein each table identifies one
or more tape servers,
to enable access to the access control tables according to the login information
corresponding to the users
to associate each user with one of the tables, and
to enable each user to access the one or more tape servers identified in the
table associated with the user.

3. (Original) The system of claim 1, wherein the mapping comprises one or more tables, wherein each table is associated with one or more users and wherein each of the associated users is mapped to a set of the one or more target devices listed in the table.
4. (Canceled)
5. (Canceled)
6. (Original) The system of claim 1, wherein the target devices comprise storage devices.
7. (Original) The system of claim 1, wherein the target devices comprise tape drives.
8. (Original) The system of claim 1, wherein the target devices comprise SCSI devices.
9. (Canceled)
10. (Original) The system of claim 1, wherein the system comprises a router.
11. (Original) The system of claim 1, wherein the interface to the one or more target devices comprises an interface to a non-IP network to which the target devices are connected.
12. (Original) The system of claim 1, further comprising a management station configured to enable access to the mapping.
13. (Previously Presented) A method comprising:
 - maintaining a mapping of users that are connected to an IP network to one or more target devices;
 - accessing the mapping according to login information corresponding to one or more users, the login information comprising a username and a corresponding password associated with each user;
 - enabling access from the one or more users to the one or more target devices according to the mapping; and
 - communicating with the users via NDMP communications.

14. (Previously Presented) The method of claim 13,
wherein the mapping is maintained in a router that is located between the IP network
and a transport medium to which the target devices are connected;
wherein the mapping comprises one or more tables, each identifying a set of target
devices and a set of users that are authorized to access the identified set of
target devices; and
wherein enabling access from each user comprises examining one of the tables that is
associated with the user, determining whether one of the set of target devices is
identified in the table associated with the user, and directing the user to access
the one of the set of target devices.
15. (Original) The method of claim 13, further comprising interfacing with the IP network.
16. (Canceled)
17. (Canceled)
18. (Canceled)
19. (Original) The method of claim 13, wherein maintaining the mapping comprises
maintaining one or more tables, wherein each table is associated with one or more users and
wherein each of the associated users is mapped to a set of the one or more target devices
listed in the table.
20. (Original) The method of claim 13, wherein maintaining the mapping further comprises
a system administrator creating the one or more tables and storing the one or more tables in a
memory.
21. (Canceled)
22. (Original) The method of claim 13, wherein the target devices are connected to a non-
IP network and wherein the method further comprises interfacing with the non-IP network.
23. (Original) The method of claim 13, wherein the non-IP network comprises a SCSI bus.

24. (Original) The method of claim 13, wherein enabling access from the users to the one or more target devices comprises directing at least one of the one or more users to backup data to a target device which is identified in a table associated with the at least one user.

25. (New) A system comprising:
an interface to an IP network;
an interface to one or more target devices;
a processor coupled to the interfaces; and
a memory;
wherein the processor is configured
to maintain in the memory a mapping of a set of users that are connected to the
IP network to the one or more target devices, wherein each user is
mapped to a specific set of target devices,
to control access to the mapping according to login information corresponding to
the users, the login information comprising a username and a
corresponding password associated with each user, and
to control access from the users to the one or more target devices according to
the mapping, wherein each user can only access the specific set of target
devices to which the user is mapped; and
wherein communications between the users and the processor comprise NDMP
communications.

26. (New) The system of claim 25,
wherein the system comprises a router configured to be coupled between an IP network
and a SCSI bus,
wherein the router is configured
to maintain one or more access control tables, wherein each table identifies one
or more tape servers,
to control access to the access control tables according to the login information
corresponding to the users
to associate each user with a specific access control table according to the login
information corresponding to the user, and
to enable each user to access the one or more tape servers identified in the
specific access control table associated with the user.

27. (New) The system of claim 25, wherein the mapping comprises one or more tables, wherein each table is associated with one or more users and wherein each of the associated users is mapped to the specific set of target devices listed in the table according to the login information corresponding to the user.
28. (New) The system of claim 25, wherein the target devices comprise storage devices.
29. (New) The system of claim 25, wherein the target devices comprise tape drives.
30. (New) The system of claim 25, wherein the target devices comprise SCSI devices.
31. (New) The system of claim 25, wherein the system comprises a router.
32. (New) The system of claim 25, wherein the interface to the one or more target devices comprises an interface to a non-IP network to which the target devices are connected.
33. (New) The system of claim 25, further comprising a management station configured to control access to the mapping.